import Java. no. Byte Buffere; import Java. util. Anrays; public class RC57 proivate int w=32; private int = 12; private int 6 = 16; prevate int[] s prevate int[] [; ] private RC5 (byfe[] Key) > Key Expansion (key); prevate void key Expansion (byte[] key)} int w= w/8; int c = (Key, length + U-1)/U = new int [C] for (inti= key.length -1)i)=0 ;i--) L(i/U] = L'(i/U) <<8+ (Key[i] BOXFF)

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int  $t = e \times cn + i$ 5 = new int [t]; SEO] = OXBXE15163; forclint i = 1; ixts int) } S[i] = S[i-1] + 0x9:f3x2y.Bx int A = 0, B=0, i=9. J= 000 storen int n=3xmathimax (cit) for (int K=0) Kens K+T) A = sri] = integer. notate Left (sri] +A+B) B=L(j)=integen: rotateleft+A+3+c(A+3 i=(i+1) ?+; (3) w tri I = in wint (C) (2)(0+E) = C coscionatendital = 1 tail not

OPIC NAME

public string void main (string[] args) { byle [] Key="This [s Azecrutkey". get Byle (); RCS rcs = new RCS (Key); int plain 1 = 0x 12345678; int plain 2 = 0x 9ABCDEF; System. out println ("plaintext: "+tottex (new)int[] ciphet = res. encryp(pain1, pain2); system. out prientin ("Encription: "+tatex (cipy intr] decrypted = rcs. de crypt (ciphento) Bystem.out. printin ("Decrypted:" + to Her (.. 

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Plaintext: 12345678 9ABCDEF0

Encrypted: 4A1F0A87 17F17D3E

Decrypted: 12345678 9ABCDEF0

